FortiAnalyzer Upgrade Guide

VERSION 5.2.8

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Overview

STEP 1: Before You Begin

Make sure FortiAnalyzer 5.2.8 can run on your FortiAnalyzer model. Back up your device configuration and logs. Wait until all the running reports are completed.

STEP 2: Download

Download upgrade images from Fortinet Customer Service & Support portal.

STEP 3: Upgrade and Monitor

Install the new firmware and monitor the rebuild process.

STEP 4: Verify

Verify the upgrade has been completed successfully.

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Upgrade Paths

You can upgrade FortiAnalyzer 5.0.6 or later directly to FortiAnalyzer 5.2.8.

If you are upgrading from 5.0.5 or earlier, you will need to upgrade to FortiAnalyzer 5.0.6 first.

Initial Version	Upgrade To	Log Database Rebuild Required?
5.2.0 or later	5.2.8	No
5.0.6 or later	5.2.8	Yes for 5.0.6, No for the rest
5.0.5 or earlier	5.0.6	Yes

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Detailed Upgrade Instructions

Step 1. Back Up Your Device.

- Make sure FortiAnalyzer 5.2.8 can run on your FortiAnalyzer model. For a list of FortiAnalyzer models that support FortiAnalyzer 5.2.8, see “Supported Models” on page 12.
- Back up your device configuration and logs.
- Wait until all the running reports are completed. Use the following CLI commands to check for running and pending reports.

```
FAZ1000D # dia report status running
FAZ1000D # dia report status pending
```

- If you are upgrading a FortiAnalyzer VM, make sure your VM partition has more than 512MB*, and your VM server is up to date.

Step 2. Download.

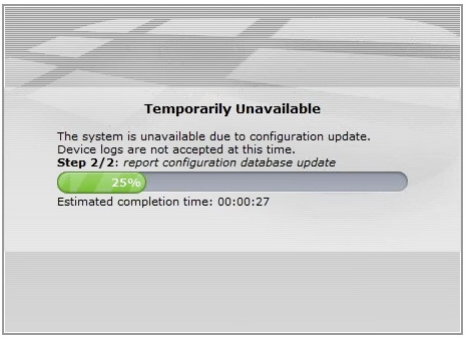
Download upgrade images from Fortinet Customer Service & Support portal.

**It is recommended to allocate 1024MB for the FortiAnalyzer VM partition.*

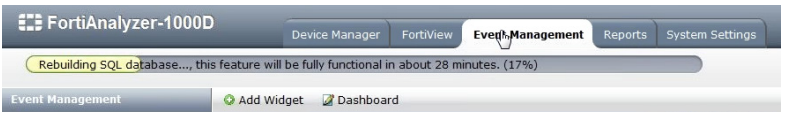
Step 3. Upgrade and Monitor

Install the downloaded firmware image.

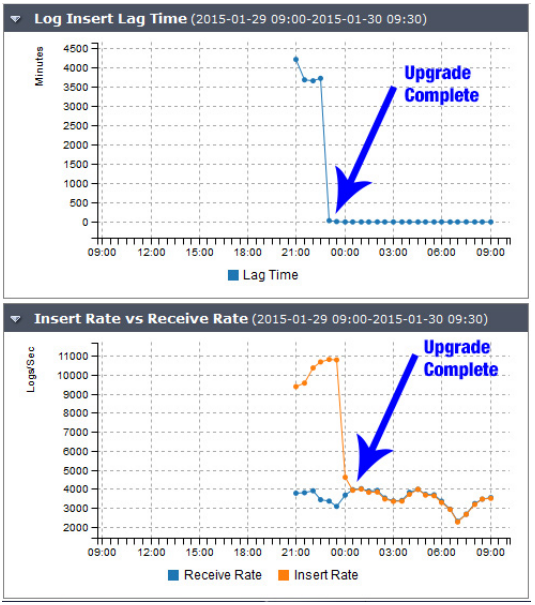
During a firmware upgrade, your FortiAnalyzer will be temporarily disconnected from your management computer. When the firmware has been installed, the FortiAnalyzer is connected again.



When complete, log in to your FortiAnalyzer. Not all features will be available while the SQL database is rebuilt. A status bar will keep you up to date on the rebuild status:



Monitor the rebuild progress with the Log Insert Lag Time and Insert Rate vs Receive Rate widgets. These widgets will show you the gap between logs being received and logs being inserted after the upgrade. You can customize this widget to show data every 60 to 240 seconds. As shown below, you will notice an initial delay in logs being inserted, but that will resolve itself as time passes. You can add these widgets in the same way you add other widgets in the Dashboard.



Step 4. Verify

Verify the following to make sure the upgrade has been completed successfully.

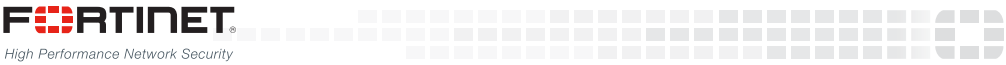
1. Database rebuild is successful. Use this CLI command to check database rebuild:

   ```
   diag sql status rebuild-db
   ```

2. Configurations are not lost.
3. Launch Device Manager and make sure that all the log devices that were added previously are still listed.
4. Launch other functional modules and make sure they work properly.

Supported Models

FortiAnalyzer	FortiAnalyzer VM
FAZ-100C	FAZ-VM64
FAZ-200D	FAZ-VM64-AWS
FAZ-300D	FAZ-VM64-HV
FAZ-400C	FAZ-VM64-KVM
FAZ-400E	FAZ-VM64-XEN (Citrix XenServer and Open Source Xen)
FAZ-1000C	
FAZ-1000D	
FAZ-1000E	
FAZ-2000B	
FAZ-2000E	
FAZ-3000D	
FAZ-3000E	
FAZ-3000F	
FAZ-3500E	
FAZ-3500F	
FAZ-3900E	
FAZ-4000B	



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